

US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>	<b>2. Date Prepared</b>	<b>3. Time Prepared</b>	<b>UNIT LOG ICS 214</b>	
Kalamazoo River/Enbridge Spill	12/19/2012	17:30		
<b>4. Unit Name/Designators</b>	<b>5. Unit Leader</b>		<b>6. Operational Period :</b>	
CBR Team #2	<b>Name:</b>	Dan Capone & Chris Lantinga (START/US EPA)	<b>From:</b>	12/19/2012 07:00
	<b>Position:</b>	Operations Section Chief	<b>To:</b>	12/19/2012 17:00
<b>7. Personnel Roster Assigned</b>				
<b><u>Name</u></b>	<b>ICS Position</b>		<b>DUTY CELL</b>	
Dan Capone	Operations Section Chief			
Chris Lantinga	Operations Section Chief			
Dan Zahner	Field Team Lead			
Hugh Murrell	CBR #2			
<b>8. Activity Log</b>				
<b>Activity Area</b>	<b>MP 3725 Delta Boom C</b>		<b>LAT</b>	<b>LAT</b>
			<b>Various</b>	<b>Various</b>
			(DD.MMMM)	(DD.MMMM)
<b><u>OIL OBSERVED</u></b>	<b>EXTENT OF OIL IMPACTED AREA</b>	NA		
	<b>DENSITY OF OIL /SHEEN</b>	NA		
<b>Total Collection Points</b>	NA			
<b>Total Boom Deployed</b>	NA			
<b>Activity</b>	<p><b><u>START CBR Team 2 Activity:</u></b></p> <p>START CBR 2 conducted oversight documentation of Enbridge Team of Russell Platte (Team Lead) and Ross Cudney from Superior (Trimble SPC3 Operator, YUMA Operator and Data Logger). The base station was set up at (MP 37.25 RDB) bench mark CP 1015 Delta Boom C. The back shots and QC back shots were taken at bench mark CP 1016 on the RDB side and CP Temp 001 on the LDB side at MP 37.25. The delta V for the back shots was .02 or less. Our team took river flow readings, water depth and bathymetry readings along Delta Boom C. Points are taken every four feet along transects. Water flow readings are collected approximately at every twentieth point.</p> <p>The team used the Trimble S6 base station (Robot), Trimble SPC3 hand held data logger, YUMA, global water probe model FP211 for velocity flow, metal prism rod with 8" metal disk on the bottom for water depth and to survey each point. We started each transect from the downstream end working up to the upstream end. Our gps system was in the active mode all day.</p> <p><b>Summary Boom C Delta (MP 37.25)</b></p>			

	<p>Our team collected bathymetry measurements at 99 points along transect C2U\C2D in the delta. This was actually 9 transects with separate water level measurements and flow readings. Our team took 9 flow measurements overall for the C2D and C2U sections of Boom C2. Our team collected bathymetry measurements at 22 points along C1D and C1U in the delta. We took 2 flow measurements on these two transects. Both the back shot measurements at mid day and at the end of the day were less than 0.02.</p> <p>Weather: The morning was 35 degrees and cloudy. The afternoon was 39 degrees. It was quite nice this afternoon.</p>
<b>Health and Safety Issues</b>	
<b>Comments</b>	